

DERWENT-ACC-NO: 1990-084519

DERWENT-WEEK: 199012

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TITLE: Roof lining - comprises spun
polyester filament felting
to give high tensile strength

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; ZERFASS, K
; SCHOPS, M ; ZERFASS, K C

PATENT-ASSIGNEE: HOECHST AG[FARH]

PRIORITY-DATA: 1988DE-3831271 (September 14, 1988)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
DE 3831271 A		March 15, 1990	N/A
003	N/A		
CA 1318104 C		May 25, 1993	N/A
000			
DE 58906365 G	D04H 003/16	January 20, 1994	N/A
000	D04H 003/16		
DK 8904512 A		March 15, 1990	N/A
000	N/A		
EP 359165 A		March 21, 1990	G
000	N/A		
EP 359165 B1		December 8, 1993	G
004	D04H 003/16		
FI 8904299 A		March 15, 1990	N/A
000	N/A		
JP 02127556 A		May 16, 1990	N/A
000	N/A		
NO 8903667 A		April 9, 1990	N/A
000	N/A		
US 4987027 A		January 22, 1991	N/A
000	N/A		

DESIGNATED-STATES: AT BE CH DE FR GB LI LU NL SE AT BE CH
DE FR GB LI LU NL SE

CITED-DOCUMENTS: A3...199044; EP 176847 ; EP 242524 ;
No-SR.Pub ; US 3887417

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
DE 3831271A		N/A	
1988DE-3831271		September 14, 1988	
CA 1318104C		N/A	
1989CA-0611319		September 13, 1989	
DE 58906365G		N/A	
1989DE-0506365		September 9, 1989	
DE 58906365G		N/A	
1989EP-0116736		September 9, 1989	
DE 58906365G		Based on	EP 359165
	N/A		
EP 359165A		N/A	
1989EP-0116736		September 9, 1989	
EP 359165B1		N/A	
1989EP-0116736		September 9, 1989	
JP 02127556A		N/A	
1989JP-0234829		September 12, 1989	
US 4987027A		N/A	
1989US-0405950		September 12, 1989	

INT-CL (IPC): B32B011/02, B32B027/36 , D04H001/42 ,
D04H003/16 ,
D06M015/01 , D06N005/99 , E04D013/16

ABSTRACTED-PUB-NO: DE 3831271A

BASIC-ABSTRACT:

The carrier web material for roof linings, to block loose snow or dust etc. is a spun filament felting of polyester, and pref. polyethylene terephthalate, in a material weight of 50-100 g/m2 with filaments of 1-8 dtex. The filaments are initially bonded thermo-mechanically by a polishing calender, and finished with a bonder.

The pref. material weight is 70-90 g/m2 with filaments of 2-5 dtex. An acrylate bonding agent is pref. applied at a rate of 5-25

wt.%, or 10-15 wt.%.

The roof lining material is impregnated with bitumen, or clad with bitumen pref. on both sides.

ADVANTAGE - The material has a high tensile strength, particularly resistant to shearing, which retains its shape even at high working temps..

ABSTRACTED-PUB-NO: EP 359165B

EQUIVALENT-ABSTRACTS:

A support web for roof foundation webs which comprises a spunbonded web of polyester, in particular polyethylene terephthalate filaments, wherein the spunbonded web has a basis weight of 50 to 100 g/m² and a filament denier of 1 to 8 dtex and has been thermomechanically preconsolidated by means of a smooth calender and end-consolidated by means of a binder.

US 4987027A

Support web comprises a spunbonded web of polyester, partic. polyethylene terephthalate filaments. The web has a basic wt. of 50-100 g/m² and a filament denier of 1-8 d/tex. It has been thermomechanically preconsolidated by a smooth calender and end-consolidated by a binder. Support web can be impregnated with bitumen at 60-180 deg.C., by soaking or coating. Suitable binder is an acrylate binder. USE/ADVANTAGE - Web can be used as a roof foundation web under tiles or slates of a pitched roof. The web is water impermeable and vapour permeable and has good dimensional stability at high processing temps., and high tear propagation resistance.

(3pp)

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ROOF LINING COMPRISE SPIN POLYESTER FILAMENT
FELT HIGH TENSILE
STRENGTH

DERWENT-CLASS: A93 F04 P73 Q45

CPI-CODES: A03-C03; A05-E01B3; A05-E04E; A09-A05; A12-R05;
A12-S05G; F02-C01;
F02-C02B; F03-E01; F04-E;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0486 0487 1291 3178 1319 1462 1983 2416
2434 3228 2486 2488
3240 2524 2528 2604 2633 2634 2635 2654 2669 2682 2696 2723
2820
Multipunch Codes: 014 034 04- 074 081 143 144 155 163 166
169 170 171 251 32&
331 395 430 431 440 446 454 477 481 483 504 52& 53& 541 542
551 567 571 572 573
575 596 609 613 616 664 665 688

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-037031
Non-CPI Secondary Accession Numbers: N1990-065213